L Number	Hits	Search Text	DB	Time stamp
1	9	(Yoon.in.) and (LCD or (liquid adj crystal$6) or cholesteric or nematic or smectic or (color adj filter)) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	USPAT; US-PGPUB	2004/08/11 10:43
2	4	(Yoon.in.) and (LCD or (liquid adj crystal$6) or cholesteric or nematic or smectic or (color adj filter)) and (surfactant or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	EPO; JPO; DERWENT; IBM_TDB	2004/08/11 10:36
3	4	(Yoon) and (LCD or (liquid adj crystal$6) or cholesteric or nematic or smectic or (color adj filter)) and (surfactant or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	EPO; JPO; DERWENT; IBM_TDB	2004/08/11 10:37
4	2	5995184.pn. or 5667854.pn. or 5308535.pn. and (color adj filter)	USPAT; US-PGPUB	2004/08/11 10:38
5	1	(5995184.pn. or 5667854.pn. or 5308535.pn.) and (color adj filter)	USPAT; US-PGPUB	2004/08/11 10:38
6	5125	(427/508,512,553,558,384,385.5).CCLS.	USPAT; US-PGPUB	2004/08/11 10:39
7	2515	(427/162,163.1,164,165).CCLS.	USPAT; US-PGPUB	2004/08/11 10:39
8	777	(427/355,368).CCLS.	USPAT; US-PGPUB	2004/08/11 10:39
9	1133	(428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.	USPAT; US-PGPUB	2004/08/11 10:40
10	753	(252/299.3,299.4,299.5).CCLS.	USPAT; US-PGPUB	2004/08/11 10:40
11	1042	(349/104,105,106).CCLS.	USPAT; US-PGPUB	2004/08/11 10:40
12	1596	(349/113,117,191).CCLS.	USPAT; US-PGPUB	2004/08/11 10:41
13	898	(359/885,888).CCLS.	USPAT; US-PGPUB	2004/08/11 10:41
14	13120	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.)	USPAT; US-PGPUB	2004/08/11 10:41
15	102	((359/885,888).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	USPAT; US-PGPUB	2004/08/11 10:49
16	19	(((252/299.3,299.4,299.5).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and (color adj filter)	USPAT; US-PGPUB	2004/08/11 10:49
17	918	((349/104,105,106).CCLS.) and (color adj filter)	USPAT; US-PGPUB	2004/08/11 10:49
18	97	((349/104,105,106).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	USPAT; US-PGPUB	2004/08/11 10:56

19	30	((349/104,105,106).CCLS.) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 10:56
20	74	(((349/104,105,106).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and ((color adj filter$3) with (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:01
21	59	(((349/104,105,106).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and ((color adj filter$3) near2 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:01
22	5	(((349/104,105,106).CCLS.) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and ((color adj filter$3) near2 (mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:03
23	6	(((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.) ((359/885,888).CCLS.)) and ((color adj filter$3) near2 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:06
24	16	siloxane or dimenthylsiloxane or (dimenthyl adj siloxane) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:06
25	10	(((color adj filter$3) near2 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) not (((((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.) ((359/885,888).CCLS.)) and ((color adj filter$3) near2 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)))	USPAT; US-PGPUB	2004/08/11 11:04

26	20	((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:08
27	4	(((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) not (((color adj filter$3) near2 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)))	USPAT; US-PGPUB	2004/08/11 11:06
28	1	((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:12
29	28	((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:21
30	27	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) not (((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)))	EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:14
31	0	(Uchida.in. and Moriya.in.) and (color adj filter$3)	USPAT; US-PGPUB	2004/08/11 11:14
32	53	(Uchida.in.) and (color adj filter$3)	USPAT; US-PGPUB	2004/08/11 11:17
33	15	(Moriya.in.) and (color adj filter$3)	USPAT; US-PGPUB	2004/08/11 11:17

34	81	((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))	USPAT; US-PGPUB	2004/08/11 11:36
35	38	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.)	USPAT; US-PGPUB	2004/08/11 11:22
36	28	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.) ((359/885,888).CCLS.))) not (((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or ...	USPAT; US-PGPUB	2004/08/11 11:37
37	17	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (air near6 interface)	USPAT; US-PGPUB	2004/08/11 11:25
38	17	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and ((air or atmosphere or exposed) near6 interface)	USPAT; US-PGPUB	2004/08/11 11:27

39	34	(((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) not (((((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.) ((359/885,888).CCLS.))) or ((((color adj	USPAT; US-PGPUB	2004/08/11 11:27
40	372	filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:38
41	17	dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (air near6 interface)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:35
42	3	(((((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic))) and ((air or align$5) near4 interface)) not (((((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and ((air or atmosphere or exposed) near6 interface))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:35
43	26	(((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic))) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)))	USPAT; US-PGPUB	2004/08/11 11:36

44	26	(((((color adj filter$3) near3 (mesogen$2 or cholesteric or nematic or smectic))) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)))) not (((((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/104,105,106).CCLS.) ((349/113,117,191).CCLS.) ((359/885,888).CCLS.))) not (((color adj	USPAT; US-PGPUB	2004/08/11 11:37
45	16	filter$3 near3 (mesogen$2 or cholesteric or nematic or (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.)	USPAT; US-PGPUB	2004/08/11 11:37
46	53	((color adj filter$3) near3 (LC or (liquid adj crystal$5) or mesogen$2 or cholesteric or nematic or smectic)) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:42
47	989	((LC or (liquid adj crystal$5) or mesogen$2 or cholesteric or nematic or smectic)) same (DMSO or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:43
48	34	(((LC or (liquid adj crystal$5) or mesogen$2 or cholesteric or nematic or smectic)) same (DMSO or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and (Color adj filter$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 11:48

| 49 | 34 | (((((LC or (liquid adj crystal$5) or mesogen$2 or cholesteric or nematic or smectic)) same (DMSO or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane))) and (Color adj filter$3)) not (((((color adj filter$3) near3 (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic)) and ((surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimenthylsiloxane or (dimenthyl adj siloxane)) same (LC or (liquid adj crystal$4) or mesogen$2 or cholesteric or nematic or smectic))) and ((((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/11 11:48 |

((427/355,368).CCLS.)
((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.)
((252/299.3,299.4,299.5).CCLS.)
((349/104,105,106).CCLS.)
((349/113,117,191).CCLS.)
((359/885,888).CCLS.)))